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Lionel Remote Operating System Thomas & Friends™ Set Owner's Manual

CAUTION—ELECTRIC TOY

NOT RECOMMENDED FOR CHILDREN UNDER EIGHT YEARS OF AGE. AS WITH ALL ELECTRIC PRODUCTS, PRECAUTIONS SHOULD BE OBSERVED DURING HANDLING AND USE TO PREVENT ELECTRIC SHOCK.

TRANSFORMER RATINGS—INPUT: 120-240 VAC 50/60 HZ.
OUTPUT: 18 VDC; 2000 MA.

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Congratulations!

Congratulations on your purchase of the Lionel Operating Remote System Thomas & Friends™ Ready-To-Run Train Set!

This set includes everything you need to run your train, including a generous FasTrack loop that assembles in a flash. The power adapter plugs into the wall, and then connects directly to a special track section. Thomas is controlled using his very own blue Lionel remote. Go forward, reverse, or stop. Sound the whistle or bell - or have Sir Topham Hatt announce "All aboard!" at the press of a button. Thomas' moving eyes ensure that your journey on everyone's #1 engine is a safe one, and the removable roofs of Annie and Clarabel allow you to load and unload your passengers.

Use this Owner's manual to learn how to set up, operate, and maintain your train set for years of reliable operation.

Parents! The transformer included with this set should be periodically examined for conditions that may result in the risk of fire, electric shock, or injury to persons (such as damage to the output cord, blades, housing, or other parts). In the event that such conditions exist, the transformer should not be used until properly repaired.

Train Set Inventory

- Thomas the Tank Engine™ with three interchangeable faces
- Annie
- Clarabel
- One straight FasTrack track section
- Eight curved FasTrack track sections
- One FasTrack terminal section
- Lionel Remote Control
- Wallpack power supply

Train Set Features

- Electric locomotive controlled by remote
- Remote controller with forward and reverse speed control knob, whistle sound, bell sound, and "All aboard!" announcement (requires three AAA alkaline batteries, not included)
- Steam background sounds
- Moving eyes on Thomas the Tank Engine™
- Powerful maintenance-free motor
- Traction tire
- Operating coupler on rear of locomotive
- Dual operating couplers on coaches
- Set Length: 21"
- Layout Dimensions: 40" x 50"

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Lionel® , LEGACY™ , FasTrack™ , TrainMaster® , Odyssey® , RailSounds® , CrewTalk™ , TowerCom™ , DynaChuff™ , StationSounds™ , Pullmor® , ElectroCoupler™ , Magne-Traction® , CAB-I® Remote Controller, American Flyer® , Lionel ZW® , ZW® , MagniVision® , TMCC® , Lionelville® , Wireless Tetber™ , Powerhouse™ , LionMaster® , Conventional Classics™ , Postwar Celebration Series™ , TruRail™ , PH-1 Powerhouse® , Powermaster® , Powerstation-Powerhouse® , Accessory Motor Controller™ , AMC™ , Accessory Switch Controller™ , ASC™ , Action Recorder Controller™ , ARC™ , Track Power Controller 300™ , TPC 300™ , Track Power Controller 400™ , TPC 400™ , Block Power Controller™ , BPC™ , Operating Track Controller™ , OTC™ , FatBoy™ , Lionel Lines® , Joshua Lionel Cowen Series™ , Lockon® , TrainSounds™ , MultiHorn™ , MultiWhistle™ , Choo-Choo™

Creating your layout

Operating your wall-pack power supply safely

Your Lionel wall-pack power supply is listed by Underwriter's Laboratory Inc. and has been carefully designed to ensure peak performance. When using electrical products, basic safety precautions should be maintained.

Be sure to observe the following guidelines:

- Read the manual thoroughly before using this device.
- This device is not recommended for children under eight years of age.
- Parents should periodically inspect this product for potential hazards and, if necessary, have them repaired by an authorized Lionel Service Center. In the event that such a condition exists, the transformer should not be used until it has been properly repaired.
- The wall-pack power supply is intended to be used indoors. Do not use this device if water is present. Serious or fatal injuries may result.
- Use the wall-pack power supply only for its intended purpose.
- The wall-pack power supply was meant to operate on 120-240 volt AC, 50/60-Hertz power. Do not connect this product to any other power supply.
- Do not operate the wall-pack power supply with a damaged cord, plug, or case.
- To avoid the risk of electrical shock, do not disassemble the unit. There are no user serviceable parts inside. If damaged, take this product to an authorized Lionel Service Center. Visit www.lionel.com for a list of authorized Service Centers.
- Do not operate the wall-pack power supply on your layout unattended. Obstructed accessories or stalled trains may overheat, resulting in damage to your layout.
- Always unplug the wall-pack power supply from the power source when not in use.
- Never insert objects into the ventilation slots on this product. Damage to sensitive electronic components can result.

Creating your layout

Building your Lionel layout

Your set comes with eight curved sections, one 10" straight section, and one wall-pack terminal section of track. Figure 1 shows the oval layout that you can build with these track sections. You may choose to add more FasTrack track sections to create an endless number of exciting track arrangements for more fun, action, and variety.

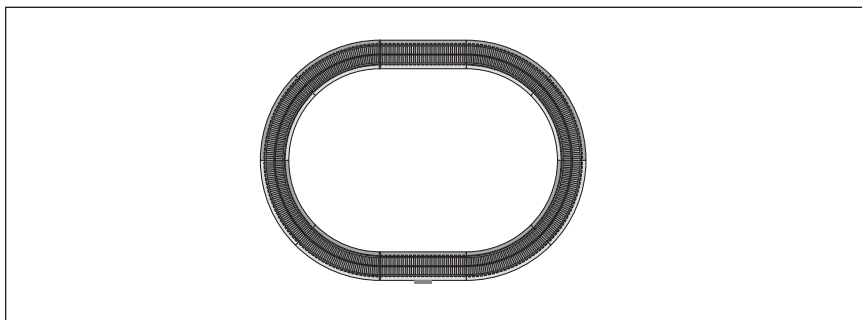


Figure 1. Track layout

Creating your layout

Joining the FasTrack track sections

FasTrack track sections join together easily. With interlocking roadbed sections and large rail tabs, the track fits together securely so you always have good electrical contact. Take a look at Figure 2 to see how to join the track sections.

- 1. Line up your two sections of track.**
- 2. Insert the rail tabs into the openings at the ends of the corresponding rails.**
- 3. Press the sections together until the interlocking roadbed snaps into place.**

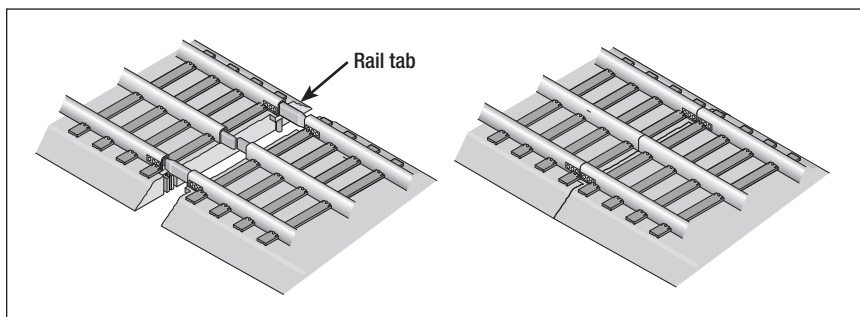


Figure 2. Joining the track sections

Powering your layout

Connecting your wall-pack power supply

Your trains are powered by a wall-pack power supply. To power the track, simply plug the wall-pack into an outlet and plug the jack into the terminal section as shown in Figure 3.

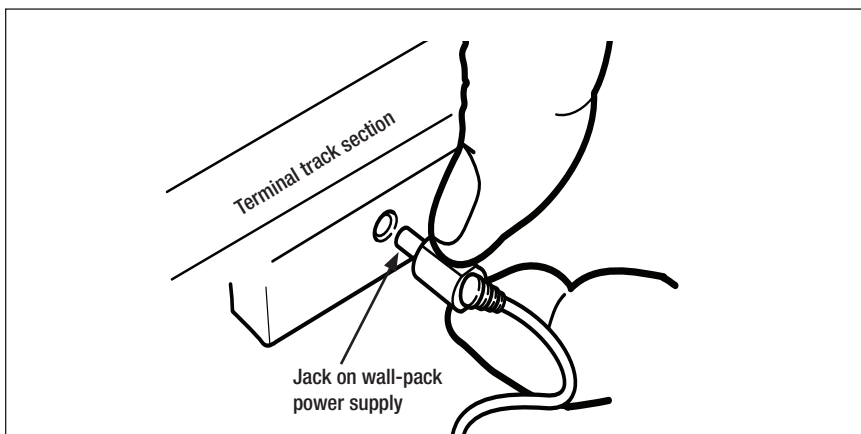


Figure 3. Wall-pack power supply connection

Powering your layout

Installing AAA batteries into the Remote Control

Push the tab toward the door and lift to open battery compartment (as shown in Figure 4). Insert three AAA batteries orientating the +/- as shown in the bottom of the battery compartment. Replace the battery door by first inserting the two tabs at the top of the door into the notches in the top of the battery compartment. Then close the door being sure the tab lock closes securely. See Figure 4.

Use only Alkaline 'AAA' batteries. Use only new batteries. Never mix new and used batteries or use different types together.

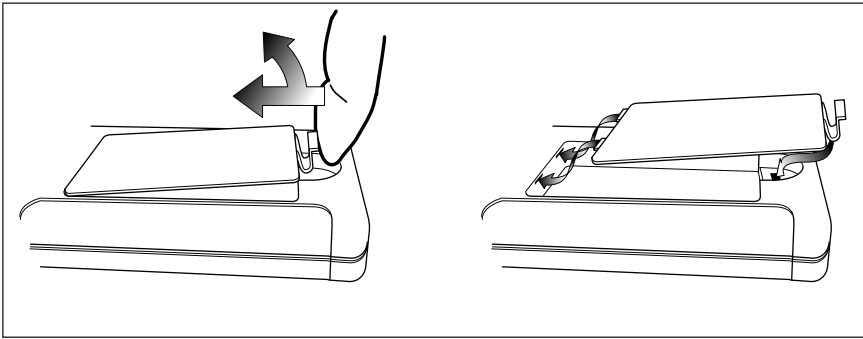


Figure 4. Opening and closing the battery compartment

Important!

REMOVE ALL BATTERIES WHEN THE TRAIN WILL NOT BE USED FOR AN EXTENDED PERIOD OF TIME.

Running your train

Running your train set

1

With track power unplugged, place your train set on the track.

Refer to the following section for information on coupling the cars.

2

Plug in your wall-pack power supply and switch on the remote.

Your locomotive is designed to operate on 18 VDC. You may choose to operate the train set using the wall-pack power supply, or you may run the locomotive on a layout powered by virtually any Lionel and Lionel-compatible alternating-current transformer.

Note!

Your locomotive is compatible with most direct-current (DC) and alternating-current (AC) transformers.

3

Move ‘em out!

Use your remote to run your train. You can adjust the speed in forward or reverse, blow the whistle, sound the bell, or trigger an announcement. Refer to page 12 for complete details.

Running your train

Coupling

When coupling your cars, at least one of the mating couplers must be open as shown at the left in Figure 5. Press down on the lock release to open the coupler, then push the cars toward each other until they lock together.

Note!

Keep in mind that it's easier to couple cars on a straight stretch of track.

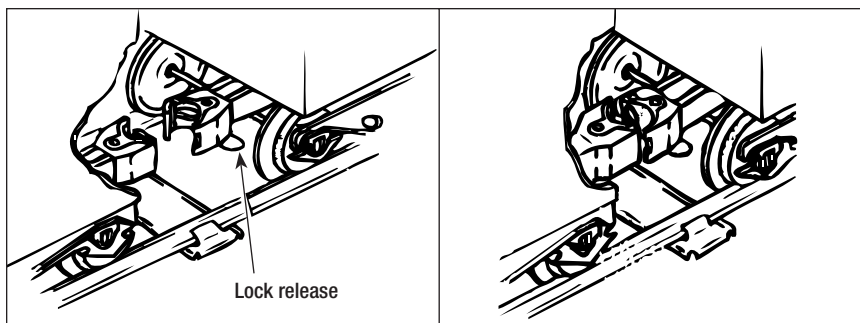


Figure 5. Coupler operation

Running your train

Attaching the three Thomas faces

Three interchangeable facial expressions (surprised, tired and angry) easily slip on and off Thomas for fun and imaginative play. Refer to Figure 6.

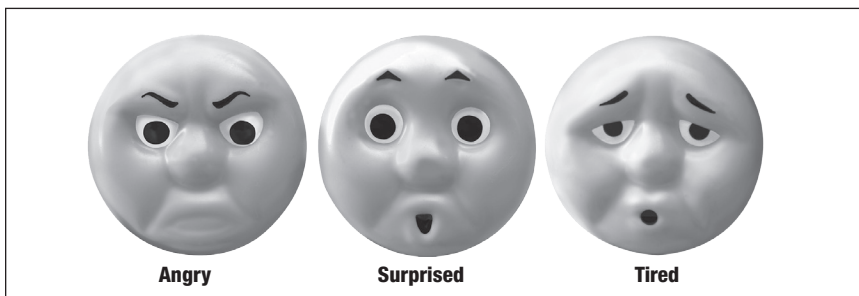


Figure 6. Interchangeable faces

To attach one of the faces, carefully position it in front of the permanent smiling Thomas face and push it straight on. To remove it, simply pull it straight off. Please remember that the smiling Thomas face cannot be removed. Refer to Figure 7.

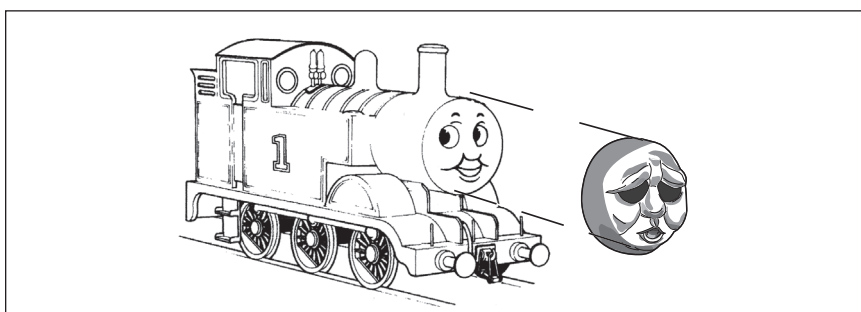


Figure 7. Face installation

Running your train

Operating your train with your Lionel Remote

THROTTLE

Turn the throttle knob clockwise to go forward and adjust the speed. Turn the throttle knob counter-clockwise to go reverse and adjust the speed. To stop the train, simply return the throttle knob to the center position.

BELL

The BELL button will activate the bell sounds on locomotives equipped with this feature. Press and hold the BELL button for two to three seconds to begin the sounds; press and hold the button again to turn off the ringing.



SPEED INDICATOR LIGHT

The red light will remain on during normal operation. The light will begin to flash when the locomotive is in motion, and the flashing will vary with the locomotive's speed.

WHISTLE

The WHISTLE button will activate your locomotive's whistle.

ANNOUNCEMENT

Press the center button for an "All aboard!" announcement.



ON/OFF SWITCH

To conserve your batteries, slide the On/Off switch to the Off position when you are done operating your train.

Running your train

Silencing the background steam sounds

To silence the back ground steam sounds, simply lift off Thomas' cab roof and slide the switch to the CHUFF OFF position. See Figure 8. Turn off track power for about two seconds, and then the background sound will be silenced when the track power is restored. The whistle, announcement, and bell sounds can still be triggered at any time using the remote. To restore the background sounds, simply slide the switch to the CHUFF ON position and then briefly turn off track power.

Note! Always turn off track power for about two seconds after you slide the switch. The background sounds will be reset according to the new switch position when the track power is switched on again.

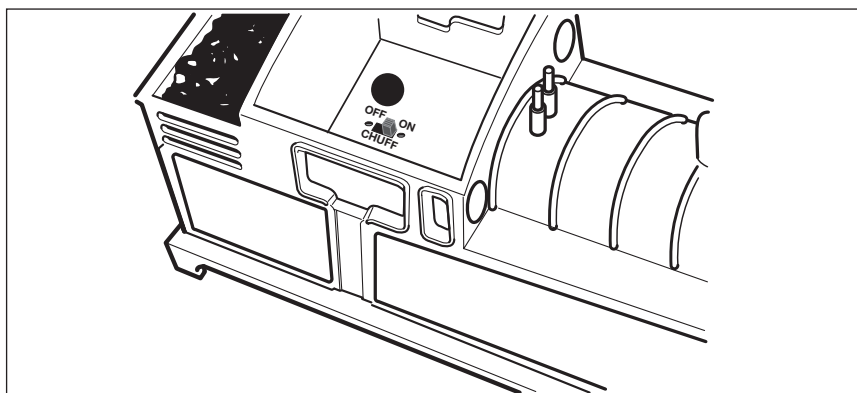


Figure 8. Sound switch location

Maintaining and servicing your set

Lubricating your locomotive

Help your steam locomotive lead a long and productive life on your railroad by maintaining it properly.

We recommend that you purchase a Lionel Lubrication and Maintenance Kit (6-62927), available from your Lionel dealer. Two basic rules to keep in mind: never over-lubricate (a small amount will do) and avoid getting grease or oil on the locomotive's wheels, contact rollers, or your track.

You'll know your locomotive requires lubrication when visual inspection reveals dryness on the parts indicated in Figure 9. Remove accumulated dirt and dust before lubricating, and always lubricate any locomotive emerging from prolonged storage.

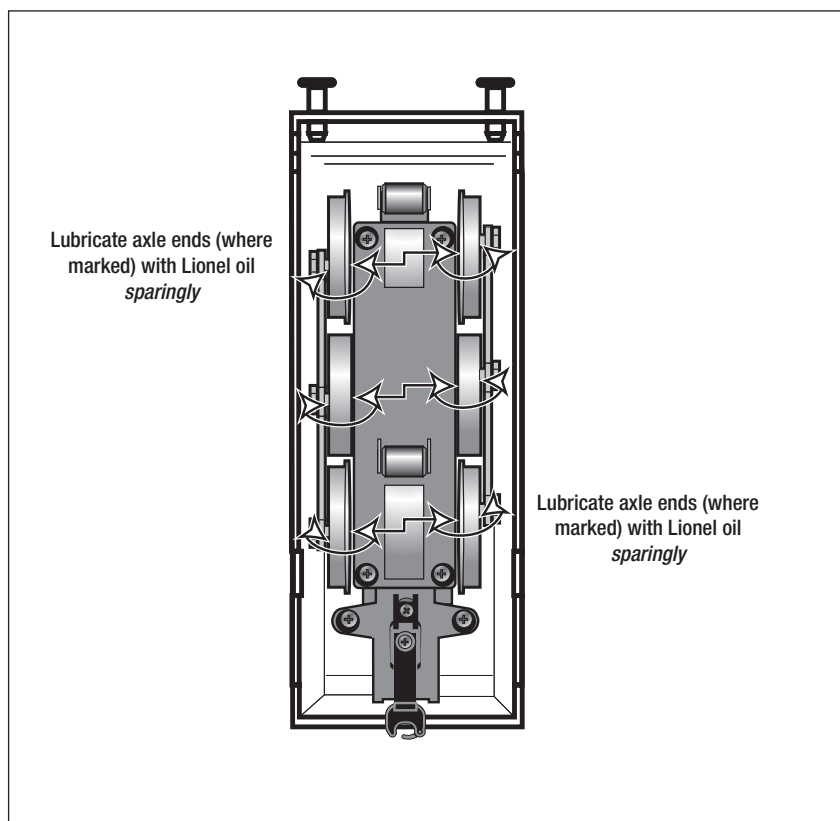


Figure 9. Lubrication points

Maintaining and servicing your set

FCC Statement

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.

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Notes: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Lionel Limited Warranty Policy & Service

This Lionel product, including all mechanical and electrical components, moving parts, motors and structural components, with the exception of **LIGHT BULBS, LED's & TRACTION TIRES** are warranted to the original owner-purchaser for a period of **one year from the original date of purchase** against original defects in materials or workmanship when purchased through a **Lionel Authorized Retailer***.

This warranty does **NOT** cover the following:

- Normal wear and tear
- Light bulbs or LED's
- Defects appearing in the course of commercial use
- Damage resulting from abuse/misuse of the product

Transfer of this product by the original owner-purchaser to another person voids this warranty in its entirety. Modification of this product in any way; visually mechanically or electronically, voids the warranty in its entirety.

Any warranted product which is defective in original materials or workmanship and is delivered by the **original owner-purchaser** (this warranty is non-transferrable) to Lionel LLC or any Lionel Authorized Service Station **MUST** be accompanied by the original receipt for purchase (or copy) from an **Authorized Lionel Retailer***, will at the discretion of Lionel LLC, be repaired or replaced, without charge for parts or labor. In the event the defective product cannot be repaired, and a suitable replacement is not available, Lionel will offer to replace the product with a comparable model (**determined by Lionel LLC**), if available. In the event a comparable model is not available the customer will be refunded the original purchase price (requires proof of purchase from the **Authorized Lionel Retailer*** it was originally purchased). Any products on which warranty service is sought must be sent freight or postage prepaid (Lionel will refuse any package when postage is due).

Transportation and shipping charges are not covered as part of this warranty.

NOTE: Products that require service that do not have a receipt from an LIONEL AUTHORIZED RETAILER* will be required to pay for all parts required to repair the product (labor will not incur a charge) providing the product is not older than 3 years from date of manufacture and is within 1 year from date of purchase. A copy of the original sales receipt is required.

In no event shall Lionel LLC be held liable for incidental or consequential damages.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion may not apply to you.

This warranty gives you specific legal rights and you may have other rights which vary from state to state.

Instructions for Obtaining Service

If service for this Lionel LLC product is required; bring the item, along with your DATED sales receipt and completed warranty information (at the bottom of this page) to the nearest Lionel Authorized Service Station. Your nearest Lionel Service Station can be found by calling 1-800-4-LIONEL or by accessing the website at www.lionel.com.

If you prefer to send your Lionel product directly to Lionel, for repair you must FIRST call 586-949-4100 extension 9105 or FAX Lionel at 586-949-5429 or write to Customer Service, 26750 Twenty Three Mile Road, Chesterfield, MI 48051-2493. Please have the 6-digit Lionel product number, the date of original purchase, the dealer where the item was purchased and what seems to be the problem. You will receive a return authorization (RA) number to ensure your merchandise will be properly tracked and handled upon receipt at Lionel LLC.

Once you have your Return Authorization (RA) number, make sure the item is packed in its original Styrofoam inner container which is placed inside the original outer display box (this will help prevent damage during shipping and handling). This shipment **MUST** be prepaid and we recommend that it be insured with the carrier of your choice.

Please make sure you have followed all of the above instructions carefully before returning any merchandise for service. You may choose to have your product repaired by one of Lionel LLC's Authorized Service Stations after its warranty has expired. A reasonable service fee should be expected once the product warranty has expired.

Warranty Information

Please complete the information below and keep it, along with your **DATED ORIGINAL SALES RECEIPT**. You **MUST** present this form **AND** your **DATED SALES RECEIPT** when requesting warranty service.

*A complete listing of Lionel Authorized retailers can be found by calling 1-800-4-LIONEL or by visiting our website at www.lionel.com.

Products that are more than 3 years old, from date of manufacture, are not applicable for warranty coverage, even if they have never been sold prior to this date. (Under no circumstance shall any components or labor be provided free of charge.)

Name _____

Address _____

Place of Purchase _____

Date of Purchase _____

Product Number _____

Product Description _____



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